

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave.St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.12**DAILY PROJECT JOURNAL****Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Report No:** DPJ-000383**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 24-Oct-2007**Location:** Changxing Island, Shanghai, China

Submittals(New / Total): **CWR's:** 0 / 21 **HSR's:** 0 / 7 **NCR's:** 0 / 11

Item	Title	Detail
1	Major component movement	<p>77m Tower Mock-up: No welding observed.</p> <p>89m Tower Mock-up: Welding upper and lower skin plate C butt weld. Welding internal corner splice plate.</p> <p>114m Tower Mock-up: No welding observed.</p> <p>OBG Production: Blasting and painting W shapes to be cut to T-Stiffeners</p>
2	Meetings attended	<p>Caltrans met with ABF and ZPMC at 1300 to discuss issues and the schedule for the next three days.</p> <p>Issues: ZPMC confirmed the channel and angle will only use substitute material for the mock-up. The material to be used in production is A709 grade 345. ZPMC is still researching the amount of production material that traceability was lost on. ZPMC stated they would perform a trial stiffener to skin plate weld for ABF to prove they can reduce the repair rate on this type of joint. ABF clarified that ZPMC still needs to address if the proposed methods can be utilized in production. ZPMC asked about the status of the heat straightening of the 77m diaphragm flanges. Caltrans explained that we are waiting for a proposal from ABF and ZPMC. ABF stated that they would work on this and one proposal may include performing the hot bending on the island instead of at Wuxi Boiler. ZPMC asked if Caltrans would entertain heat straightening on the flanges. Caltrans replied that this would be entertained for the mock-up only.</p>

DAILY PROJECT JOURNAL

(Continued Page 2 of 2)

Caltrans asked ABF and ZPMC for an OBG production schedule. ABF stated that ZPMC was supposed to begin splitting the W beams into T sections tomorrow, but neither ABF nor ZPMC could confirm when work will start.

3 Other important observations

Caltrans observed the macro-etch samples of the UT Closed-rib PJP procedure initial proof sample. The majority of the samples appeared to have near full penetration. However, due to the tightness of the root face to deck plate, the land area was not clearly visible in the macro-etches. To ensure accuracy ZPMC intends to perform additional mechanical testing tomorrow.

4 Quality Assurance Inspectors per shift

6 Day Shift (Acuna, Brannon, Hasler, Hernandez, Viars on island,
McClendon in Shanghai for RT testing)
4 Swing Shift (Berger, Dixon, Franco, Smith)

Inspected By: McClary,David

Quality Assurance Inspector

Reviewed By: Lowry,Patrick

QA Reviewer
